

Claims

1. A composite material, which is preferably made of extrudable materials, comprising a first layer (2) and at least one second layer (3), which are connected to one another and which are opaque, and further comprising at least one marking section (4), **characterized in that** the marking section (4) is arranged between the layers (2, 3) and adapted to be read making use of X rays.
2. A composite material according to claim 1, **characterized in that** the composite material (1) is a multi-layer hose (1).
3. A composite material according to at least one of the preceding claims, **characterized in that** at least one of said layers (2, 3) is made of an elastomer.
4. A composite material according to at least one of the preceding claims, **characterized in that** the elastomer is a rubber.
5. A composite material according to at least one of the preceding claims, **characterized in that** the rubber is an ethylene acrylate rubber.
6. A composite material according to at least one of the preceding claims, **characterized in that** the marking section (4) is formed by an ink (4).
7. A composite material according to at least one of the preceding claims, **characterized in that** the ink (4) contains an iodine compound.
8. A composite material according to at least one of the preceding claims, **characterized in that** the iodine compound is iopamidole.
9. A composite material according to at least one of the preceding claims, **characterized in that** the ink contains potassium iodide.

10. A composite material according to at least one of the preceding claims, **characterized in that** the ink contains potassium bromide.
11. A composite material according to at least one of the preceding claims, **characterized in that** the ink (4) is applicable to the hose (1) by means of a printer.
12. A composite material according to at least one of the preceding claims, **characterized in that** the printer is an ink-jet printer.
13. A composite material according to at least one of the preceding claims, **characterized in that** the printer is a tampon printer.
14. A composite material according to at least one of the preceding claims, **characterized in that** the marking sections (4) are provided in longitudinally spaced relationship with one another in a recurring mode of arrangement.
15. A method for producing a composite material (1) according to claims 1 to 14, **characterized in that** the first opaque layer (2) is produced, preferably by means of extrusion, that the marking sections (4), which are adapted to be read making use of X rays, are then applied, and that, subsequently, at least one second opaque layer (3) is applied on top of said marking sections (4), preferably by means of extrusion.
16. A method according to claim 15, **characterized in that** an adhesion promoter is applied between said first (2) and said second layer (3).
17. A method according to claim 15 or 16, **characterized in that** the marking sections (4) are applied by printing onto the layer (2).
18. A method according to at least one of the claims 15 to 17, **characterized in that** the marking sections (4) extend in the longitudinal direction.